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Canada: Agriculture, Sept. 1944

Government
Publications

DIRECTORY OF ORGANIZATION AND ACTIVITIES

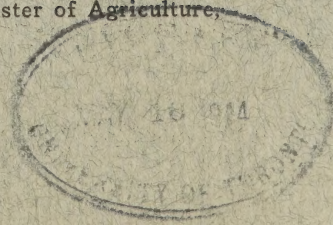
OF THE
DOMINION DEPARTMENT OF AGRICULTURE

REVISED JANUARY, 1944



Published by authority of the Hon. James G. Gardiner, Minister of Agriculture,
Ottawa, Canada

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INTRODUCTION

The Dominion Department of Agriculture was constituted in 1868. At that time its functions included such matters as immigration, public health, arts and manufactures, census, statistics, patents, copyrights and trade marks, in addition to the administration of agricultural affairs. In the course of time the growing importance of agriculture demanded the full attention of the Department and matters not directly related to agriculture were placed elsewhere. To meet the demands of the industry the departmental organization has been altered from time to time and at present the Department is constituted on the basis of five subdivisions, Administration Service, Science Service, Experimental Farms Service, Production Service, and Marketing Service. This arrangement, which was brought about in 1937, carries out the principle of bringing under one administrative head activities similar in character and purpose in the broad fields of work with respect to the marketing of agricultural products, their production from a national standpoint and the experimental and scientific investigations in connection therewith.

The Administration Service comes directly under the supervision of the Deputy Minister, while each of the other Services is headed by a Director to whom the heads of the various divisions report. Administrative units within the Services look after centralized accounting and personnel records together with any other matters which are of common concern to all the divisions.

This Directory has been revised and published for the convenience of the public in dealing with the staffs of the various departmental services. In addition to the peace-time organization of the Department, the various Boards set up to administer agricultural activities in connection with the war effort are shown and the personnel of these bodies listed.

ADMINISTRATION SERVICE

DEPUTY MINISTER—G. S. H. BARTON

Attached to the administrative unit of the department are the departmental library, the supplies staff, the personnel and filing staffs, and the Publicity and Extension Division in which are consolidated all of the activities involved in the editing and distribution of departmental publications, general press service and departmental exhibits.

Deputy Minister.....	G. S. H. Barton
Assistant Deputy Minister.....	J. G. Bouchard
General Executive Assistant.....	S. R. N. Hodgins
Executive Assistant.....	E. F. Steele
Supplies Officer	D. L. Burgess
Librarian	Miss A. L. Shaw

PUBLICITY AND EXTENSION DIVISION

Director of Publicity and Extension.....	F. C. Nunnick
Assistant Director and Chief Press and Publicity....	F. James
Chief, Administrative and Editorial.....	J. S. McGiffin
Publicity Editor	R. B. W. Marvin
Chief, Exhibits	W. A. Garland*

*On military leave.

SCIENCE SERVICE

DIRECTOR—J. M. SWAINE

The Science Service includes the Divisions of Animal Pathology, Bacteriology and Dairy Research, Botany and Plant Pathology, Chemistry, Entomology and Plant Protection.

The work of the Service is directed toward the solution of practical problems of agriculture, through the application of the results of scientific investigations. It deals with problems relating to the ravages of insect pests and diseases affecting plants and animals, the deterioration of plant and animal products through invasion of fungi and bacteria, the nutritional requirements of animals and plants, and the chemistry and microbiology of soils and dairy products. The work in the various laboratories of the Science Service is co-ordinated with the research work undertaken by the National Research Council, and by universities and agricultural colleges.

ADMINISTRATION

Ottawa—

Director	J. M. Swaine
Associate Director, and Dominion Botanist and Plant Pathologist	H. T. Güssow
Assistant Director and Dominion Animal Pathologist	C. A. Mitchell
Assistant Director and Dominion Entomologist	H. G. Crawford
Assistant to Director	H. L. Trueman

DIVISION OF ANIMAL PATHOLOGY

This division directs research and experimental studies relating to animal diseases, engages in the manufacture of biological products (prophylactic and diagnostic) and related investigations, performs laboratory diagnosis of infection and disease, and general laboratory services.

The Animal Diseases Research Institute at Hull, Que., serves as the research centre and headquarters for the division. In conjunction with, and under the direction of the Institute, substations and laboratories are maintained at the Central Experimental Farm, Ottawa, Ont.; Lethbridge, Alta.; and Saanichton, B.C.

Hull, Quebec—

Animal Diseases Research Institute—

Dominion Animal Pathologist and Chief of Division	C. A. Mitchell
Assistant Chief and Senior Animal Pathologist	C. W. McIntosh
Animal Pathologist (Virus Diseases Investigation)	L. M. Heath
Animal Pathologist (Swine Diseases Investigation)	R. Gwatkin
Animal Pathologist (Histopathology)	P. J. G. Plummer
Associate Animal Pathologist (Bacteriological Investigation)	H. Konst
Associate Animal Pathologist (Parasitology) (Institute of Parasitology, Macdonald College, Que.) ..	W. E. Swales
Assistant Animal Pathologist (Virus Diseases)	R. V. L. Walker*
Assistant Animal Pathologist (Bang's Disease Research)	T. Moore
Veterinary Inspector (General Laboratory Services) ..	C. Mackie
Junior Animal Pathologist (Biological Products)	J. W. Pullin
Junior Animal Pathologist (General Laboratory Bacteriology)	J. L. Byrne
Junior Animal Pathologist (General Laboratory Services)	D. G. McKercher*

Ottawa—

Poultry Pathology Laboratory, Central Experimental Farm—

Officer-in-Charge (Poultry Diseases)	C. H. Weaver
Associate Animal Pathologist (Poultry Diseases)	A. B. Wickware
Veterinary Inspector (Poultry Diseases)	E. W. Bond

*On military leave.

Alberta—

Veterinary Research Laboratory, Lethbridge—
 Acting Officer-in-Charge (Virus Diseases, Bacterio-
 logical Investigations and Diagnostic Services)... J. C. Bankier
 Junior Animal Pathologist (Swine Diseases Investi-
 gation) I. W. Moynihan

British Columbia—

Pathological Laboratory, Saanichton—
 Officer-in-Charge (Disease Investigations and Labora-
 tory Services)..... E. A. Bruce

DIVISION OF BACTERIOLOGY AND DAIRY RESEARCH

The activities of the Division of Agricultural Bacteriology and Dairy Research are divided into research, direct services, and co-operation in the administration of Dominion Acts.

Research comprises the chief part of the work and is concerned mainly with investigations into the microbiology of soils, dairying, and foodstuffs, and the utilization of agricultural products.

Direct services consist chiefly of the bacteriological analysis of samples submitted by other divisions of the Department, and in the preparation of seed inoculants for departmental projects. In addition, service in the analysis of specimens, including well-water, is provided for farmers and others.

Bacteriological tests are made of inoculants, disinfectants, canned goods, etc., in connection with the administration of Dominion Acts and regulatory measures.

The Dairy Research unit is responsible for the study of problems arising in the processing of milk, the manufacture of butter, cheese, ice cream, condensed milk, dehydrated milk, casein, milk sugar, fermented milks, and by-products, and for bacteriological, chemical, and other research work for the purpose of establishing sound principles of manufacture in the dairy industry. It is also called upon to ascertain and develop the most appropriate methods to be applied in the making of high grade and uniform dairy products, and to investigate and apply remedial measures to new defects which arise from time to time in manufactured products.

Ottawa—

Dominion Agricultural Bacteriologist, and Chief of
 Division A. G. Lochhead
 Chief, Dairy Research E. G. Hood
 Associate Bacteriologist (Food Microbiology)..... C. K. Johns
 Associate in Dairy Research..... A. H. White
 Assistant Bacteriologist (Soil Microbiology and Fer-
 mentations) M. I. Timonin
 Dairy Specialist H. L. Bérard
 Assistant Bacteriologist (Food Microbiology, Vege-
 table Products) A. H. Jones
 Assistant Bacteriologist (Misc. Agricultural Research). R. H. Thexton
 Junior Bacteriologist (Food Microbiology, Animal
 Products) G. B. Landerkin*
 Junior Bacteriologist (Soil Microbiology and Fermen-
 tations) H. Katznelson

* On military leave.

DIVISION OF BOTANY AND PLANT PATHOLOGY

The activities of this division cover two main phases, Economic and General Botany, and Plant Pathology and Mycology.

The work in plant pathology includes the experimental, research, and administrative activities in connection with the study and control of diseases affecting agricultural and horticultural crops and forest trees. Special emphasis

is given to problems related to wartime economy, such as the diseases caused by seed-borne pathogens, and the diseases of potatoes, grain crops, soybeans, sugar beets, and other essential food crops.

The botanical work is normally concerned with the maintenance and development of the Dominion Arboretum, an Herbarium, and a seed collection; the development of a plant introduction service through a world-wide seed exchange; the identification of plants; the carrying out of surveys; work with medicinal plants, poisonous plants, and weeds; certain physiological investigations; and the keeping of phenological records. During the past three years, many of the above lines of work have been discontinued gradually and now the major part of the time of an increased staff is devoted to intensive studies on supplementary sources of natural rubber from native and imported plants and to a lesser extent with certain fibre, oil, and medicinal plants.

The headquarters of the division is situated in the Dominion Arboretum, Central Experimental Farm, Ottawa, and branch plant pathological laboratories are maintained in each province.

Ottawa—

Dominion Botanist and Chief of Division.....	H. T. Güssow
Plant Pathologist (Mycology, Diseases of Ornamentals, and Routine Divisional Administration)....	F. L. Drayton
Associate Plant Pathologist (Mycology and Plant Disease Survey)	I. L. Connors
Associate Plant Pathologist (Fruit and Vegetable Diseases)	H. N. Racicot
Associate Plant Pathologist (Forest Pathology).....	A. W. McCallum
Associate Plant Pathologist (Forest Pathology).....	C. G. Riley*
Assistant Plant Pathologist (Forest Mycology).....	Ruth Macrae
Assistant Plant Pathologist (Disease Interception and Foreign Diseases)	A. J. Hicks*
Assistant Plant Pathologist (Seed-borne Diseases)....	G. A. Scott
Junior Plant Pathologist (Seed-borne Fungi).....	J. W. Groves
Junior Plant Pathologist (Forest Mycology).....	Mildred K. Nobles
Junior Plant Pathologist (Mycology and Plant Disease Survey)	D. B. O. Savile
Associate Botanist (General Botany and Rubber Research)	H. A. Senn
Associate Botanist (Weeds, Poisonous Plants and Pasture Research)	H. Groh
Assistant Curator, Dominion Arboretum.....	A. R. T. Buckley
Junior Botanist (Curator of Herbarium).....	E. W. Hart
Junior Botanist (Weed Seed Investigations and General Botany)	E. G. Anderson
Junior Botanist (Physiology and Rubber Research)...	W. H. Minshall

Prince Edward Island—

Dominion Laboratory of Plant Pathology, Charlottetown

Officer-in-Charge (Field Crop Disease).....	R. R. Hurst
Junior Plant Pathologist (Potato and Turnip Diseases)	G. W. Ayers*

Nova Scotia—

Dominion Laboratory of Plant Pathology, Kentville

Officer-in-Charge (Fruit Diseases).....	J. F. Hockey
Assistant Plant Pathologist (Fruit Diseases).....	K. A. Harrison*

New Brunswick—

Dominion Laboratory of Plant Pathology, Fredericton

Officer-in-Charge (Virus Research).....	D. J. MacLeod
Assistant Plant Pathologist (Field Crop Diseases).....	J. L. Howatt

* On military leave.

Quebec—*Dominion Laboratory of Plant Pathology, Ste. Anne de la Pocatiere*

- Officer-in-Charge (Diseases of Farm and Orchard Crops) C. Perrault
 Junior Plant Pathologist (Potato Diseases and Physiological Disorders of Swedes and Turnips) R. O. Lachance

Ontario—*Dominion Laboratory of Plant Pathology, St. Catharines*

- Officer-in-Charge (Virus Diseases of Fruit and Field Crops) G. H. Berkeley
 Associate Plant Pathologist (Fruit Diseases) G. C. Chamberlain
 Plant Pathologist (Diseases of Stone Fruits) R. S. Willison
 Assistant Plant Pathologist (Vegetable Diseases) J. K. Richardson

Dominion Laboratory of Plant Pathology, Harrow

- Officer-in-Charge (Diseases of Tobacco and Field Crops) L. W. Koch
 Assistant Plant Pathologist (Diseases of Sugar Beets, Corn and Soybeans) A. A. Hildebrand

Manitoba—*Dominion Laboratory of Plant Pathology, Winnipeg*

- Officer-in-Charge (Cereal Diseases and Biology of Rust Fungi) J. H. Craigie
 Senior Plant Pathologist (Cereal Rusts and Physiological Specialization) Margaret Newton
 Senior Plant Pathologist (Cereal Smuts and Biology of Smut Fungi) W. F. Hanna*
 Associate Plant Pathologist (Cereal Root-rots) F. J. Greaney
 Plant Pathologist (Cereal Rusts) T. Johnson
 Plant Pathologist (Cereal Root-rots and Mycology) W. L. Gordon
 Assistant Plant Pathologist (Cereal Rusts) A. M. Brown
 Assistant Plant Pathologist (Cereal Smuts) W. Popp
 Assistant Plant Pathologist (Cereal Rusts) B. Peturson
 Assistant Plant Pathologist (Cereal Root-rots and Mycology) J. E. Machacek
 Junior Plant Pathologist (Bacterial Diseases of Cereals and Other Plants) W. A. F. Hagborg

Saskatchewan—*Dominion Laboratory of Plant Pathology, Saskatoon*

- Officer-in-Charge (Cereal Diseases) P. M. Simmonds
 Plant Pathologist (Cereal Root-rots) R. C. Russell
 Assistant Plant Pathologist (Cereal Root-rots) B. J. Sallans
 Assistant Plant Pathologist (Cereal Root-rots) H. W. Mead

Alberta—*Dominion Laboratory of Plant Pathology, Edmonton*

- Officer-in-Charge (Cereal and Field Crop Diseases) G. B. Sanford
 Plant Pathologist (Cereal Root-rots) W. C. Broadfoot
 Assistant Plant Pathologist (Forage Crop Diseases) W. M. Cormack
 Junior Plant Pathologist (Root-rots of Cereals and Vegetable Diseases) L. E. Tyner

British Columbia—*Dominion Laboratory of Plant Pathology, Summerland*

- Officer-in-Charge (Fruit Diseases and Plant Physiological Research) H. R. McLarty
 Assistant Plant Pathologist (General Plant Pathology) G. E. Woolliams
 Assistant Plant Pathologist (Physiological Disorders of Fruit) R. E. Fitzpatrick

* On military leave.

British Columbia—Concluded*Dominion Laboratory of Plant Pathology, Saanichton*

Officer-in-Charge (Virus Diseases of Stone Fruits
and General Plant Pathology)..... W. Newton
Associate Plant Pathologist (Forest Mycology,
but seconded from Victoria Laboratory for
Seed-borne Diseases of Vegetables)..... Irene Mounce
Assistant Plant Pathologist (Diseases of Small
Fruits) W. Jones

Dominion Laboratory of Plant Pathology, Victoria

Officer-in-Charge (Forest Pathology)..... J. E. Bier

DIVISION OF CHEMISTRY

This division is responsible for investigation on soils and fertilizers, animal nutrition, plant chemistry and foods. Chemical analyses are made for projects conducted by other divisions of the Science and Experimental Farms Services. Analyses are made in connection with the administration of the Meat and Canned Foods Act and the Maple Sugar Industry Act. The central laboratory is situated at Ottawa, and regional laboratories are maintained at the Dominion Experimental Stations at Kentville, N.S., and Summerland, B.C.

Investigations of soils and fertilizers include chemical and physical analysis of soils collected in connection with soil fertility studies, the development of methods for the spectrographic examination of soils to study the rôle of minor elements in plant nutrition, and the analysis of soils in connection with mineral deficiency studies, pasture investigations and other projects. An advisory service to farmers includes the examination of soils and soil amendments with recommendations for fertilizer treatment.

The work in animal nutrition includes the determination of co-efficients of digestibility of feeding stuffs, the investigations of factors affecting digestibility, the biological values of feed proteins, and a standard test for the determination of vitamin D content of feeding stuffs.

The work in plant chemistry includes co-operative investigations with sprays and spray materials, pasture experimental work, chemical composition of native grasses, forage crops, cereals, soybeans, and sugar beets.

Ottawa—

Dominion Agricultural Chemist, and Chief of Division C. H. Robinson
Chemist (Soils) L. E. Wright
Chemist (Food Investigations)..... J. T. Janson
Chemist (Animal Nutrition)..... C. J. Watson
Associate Chemist C. E. Allen*
Associate Chemist G. R. Giles*
Associate Chemist (Soils)..... H. J. Atkinson
Assistant Chemist (Horticulture)..... F. B. Johnston
Assistant Chemist J. C. Woodward*
Assistant Chemist (Poultry Nutrition)..... A. R. G. Emslie
Principal Assistant (Food Investigations)..... H. H. Selwyn
Junior Chemist (Food Investigations, Dairy)..... A. Langlois
Junior Chemist (Soils)..... L. M. Patry
Junior Chemist (Soils)..... R. Levick

Nova Scotia—*Dominion Agricultural Chemistry Laboratory, Kentville*

Officer-in-Charge F. A. Herman

British Columbia—*Dominion Agricultural Chemistry Laboratory, Summerland*

Officer-in-Charge J. M. McArthur

* On military leave.

DIVISION OF ENTOMOLOGY

This division conducts investigations of insects and mites with special reference to those of economic importance, and the measures for their control by insecticidal, cultural and biological methods. The studies deal with insects affecting field and garden crops, fruit and greenhouse crops, forest and shade trees, stored products, live stock, and man. A special parasite laboratory deals with the introduction, rearing, and distribution of imported and native parasites and predators as aids in the control of destructive insects. A section on systematic entomology has charge of the maintenance and development of the national collection of insect species.

The division co-operates in the enforcement of the Destructive Insect and Pest Act.

Headquarters of the Division of Entomology are located at Ottawa, and twenty-one regional laboratories are maintained throughout the Dominion.

Ottawa—

Administration—

Dominion Entomologist and Chief of Division..H. G. Crawford
 Chief, Field Crop Insect Investigations.....Vacant
 Chief, Forest Insect Investigations.....J. J. de Gryse
 Chief, Systematic Entomology.....J. H. McDunnough
 Officer-in-Charge, Fruit Insect Investigations
 (Administered from Vineland Station, Ont.)..W. A. Ross
 Associate Entomologist (Administration, and
 Household and Medical Entomology).....C. R. Twinn
 Junior Entomologist (Administration).....Vacant
 ArtistL. B. Jameson

Field Crop Insect Investigations—

Associate Entomologist (Vegetable insects).....A. G. Dustan
 Assistant Entomologist (White grubs, Officer-in-
 charge, seasonal laboratory, Marmora, Ont.)..G. H. Hammond
 Junior Entomologist (Nematodes).....A. D. Baker
 Junior Entomologist (Vegetable insects).....W. G. Matthewman

Forest Insect Investigations—

Associate Entomologist (Administration).....E. B. Watson
 Assistant Entomologist (Spruce budworm; forest
 insect survey; Officer-in-charge for Ontario)..C. E. Atwood
 Assistant Entomologist (Reforestation; shade
 tree insect investigations; Officer-in-charge
 summer laboratory, Angus, Ont.).....K. E. Stewart
 Assistant Entomologist (Forest Insect Survey)..A. W. A. Brown*
 Junior Entomologist (Officer-in-charge seasonal
 laboratory, Chalk River, Ont.)D. E. Gray*

Systematic Entomology—

Associate Entomologist (Coleoptera).....W. J. Brown
 Assistant Entomologist (Hymenoptera, Ichneu-
 monidae, Braconidae)G. S. Walley
 Assistant Entomologist (Hymenoptera, Chalas-
 togastra, Chalcidoidea)O. Peck
 Junior Entomologist (Lepidoptera)T. N. Freeman

Stored Product Insect Investigations—

Associate Entomologist (Officer-in-charge).....H. E. Gray
 Junior Entomologist (Mite investigations).....H. H. J. Nesbitt

Prince Edward Island—

Dominion Entomological Laboratory, Charlottetown—

Officer-in-Charge (Field crop and vegetable
 insects)F. M. Cannon

*On military leave.

Nova Scotia—*Dominion Entomological Laboratory, Annapolis Royal—*

Officer-in-Charge (Fruit insect investigations)... A. D. Pickett
 Assistant Entomologist (Orchard insecticides)... N. A. Patterson
 Junior Entomologist (Bionomics of fruit insects)... H. A. Stultz
 Junior Entomologist (Experimental equipment)... S. H. Payne

New Brunswick—*Dominion Entomological Laboratory, Fredericton—*

Officer-in-Charge (Forest insect investigations)... R. E. Balch
 Assistant Entomologist (Extension)... L. J. Simpson
 Assistant Entomologist (Spruce sawfly; larch sawfly)... W. A. Reeks
 Officer-in-Charge (Field and vegetable crop insects; potato aphids)... R. P. Gorham
 Officer-in-Charge (Small fruit insects, insecticides)... C. W. B. Maxwell

Quebec—*Dominion Entomological Laboratory, Hemmingford—*

Officer-in-charge (Orchard spraying)... C. E. Petch
 Junior Entomologist (Codling moth)... A. A. Beaulieu

Dominion Entomological Laboratory, St. Jean—

Officer-in-Charge (Vegetable, canning crop insects)... J. B. Maltais

Ontario—*Dominion Parasite Laboratory, Belleville—*

Officer-in-Charge... A. B. Baird
 Entomologist (Grasshoppers and wheat stem sawfly)... R. W. Smith
 Assistant Entomologist (Corn borer, pea insects, apple mealy bug)... G. Wishart
 Assistant Entomologist (Larch insects and white grubs)... A. R. Graham
 Assistant Entomologist (Spruce sawfly and bud-worm)... A. Wilkes
 Officer-in-Charge (Sub-laboratory, Parke Reserve, Que.) European spruce fly... L. J. Briand
 Junior Entomologist (Sawflies of spruce and pine)... L. R. Finlayson
 Junior Entomologist (Curator of collections)... H. G. James

Dominion Entomological Laboratory, Vineland Station—

Officer-in-Charge (Fruit insect investigations)... W. A. Ross
 Assistant Entomologist (Codling moth)... W. P. G. Garlick
 Assistant Entomologist (Greenhouse insects and insecticides)... G. G. Dustan
 Assistant Entomologist (Stone fruit and pear insects)... T. Armstrong
 Junior Entomologist (Fruit tree nursery stock insects; insecticides)... W. L. Putman
 Junior Entomologist (Greenhouse insects)... P. I. Bryce

Simcoe—Sub-laboratory—

Officer-in-Charge (Apple insects)... J. A. Hall

Harrow—Sub-laboratory—

Officer-in-Charge... W. E. Van Steenburgh*

Dominion Entomological Laboratory, Chatham—

Officer-in-Charge (Field crop insect investigations)... G. M. Stirrett
 Assistant Entomologist (Biometry)... Vacant
 Junior Entomologist (Cutworms, tobacco insects)... D. A. Arnott
 Junior Entomologist (Exhibition materials)... A. A. Wood

* On military leave.

Manitoba—*Dominion Entomological Laboratory, Winnipeg—*

Officer-in-Charge (Forest insect investigations)..H. A. Richmond

Dominion Entomological Laboratory, Brandon—

Officer-in-Charge (Field crop insect investigations)R. D. Bird

Assistant Entomologist (In charge grasshopper research for Prairie Provinces).....R. H. Handford

Junior Entomologist (Grasshopper Investigations)H. W. Moore

Saskatchewan—*Dominion Entomological Laboratory, Indian Head—*

Officer-in-Charge (Forest insect investigations)..L. O. T. Peterson

Dominion Entomological Laboratory, Saskatoon—

Officer-in-Charge (Field crop insect investigations)K. M. King

Assistant Entomologist (Wireworms).....R. Glen

Assistant Entomologist (Crop rotation; insect ecology)A. P. Arnason

Assistant Entomologist (Grasshoppers).....L. C. Paul

Junior Entomologist (Cutworms).....H. McDonald

Junior Entomologist (Wireworms)H. McMahon*

Alberta—*Dominion Entomological Laboratory, Lethbridge—*

Officer-in-Charge (Field crop insect investigations)H. L. Seamans

Assistant Entomologist (Vegetable insects).....G. F. Manson

Assistant Entomologist (Grasshoppers).....R. M. White

Assistant Entomologist (Wheat stem sawfly)....C. W. Farstad

Assistant Entomologist (Grasshopper survey; warble fly control)R. H. Painter

Junior Entomologist (Say's grain bug).....L. A. Jacobson

Junior Entomologist (Alfalfa and clover insects; effect of temperature on insects).....R. W. Salt

British Columbia—*Dominion Entomological Laboratory, Vernon—*

Officer-in-Charge (Fruit insect investigations)....J. Marshall

Assistant Entomologist (Orchard mites; tarnished plant bug)E. P. Venables

Junior Entomologist (Codling moth; insecticides)H. A. Andison

Officer-in-Charge (Forest insect investigations)...G. R. Hopping

Assistant Entomologist (Bark beetle; spruce budworm)W. G. Mathers

Junior Entomologist (Forest insect survey).....H. B. Leech

Dominion Entomological Laboratory, Kamloops—

Officer-in-Charge (Live stock insect investigations)Vacant

Assistant Entomologist (Ticks, cattle lice).....J. D. Gregson

Junior Entomologist (Fleas, warble fly).....G. P. Holland

Officer-in-Charge (Field crop insect investigations)E. R. Buckell

Dominion Entomological Laboratory, Agassiz—

Officer-in-Charge (Vegetable insects).....R. Glendenning

Dominion Entomological Laboratory, Victoria—

Officer-in-Charge (Fruit insect investigations)...W. Downes

Officer-in-Charge (Forest insect investigations)..M. L. Prebble

Junior EntomologistK. Graham

* On military leave.

PLANT PROTECTION DIVISION

The Plant Protection Division is responsible for the enforcement of regulations under the Destructive Insect and Pest Act in respect to import and export shipments of plants and plant products and for the certification, after inspection in the field, in storage, and at shipping points, of potatoes as seed potatoes; maintains domestic insect quarantines and enforces preventive measures against the introduction of new pests; issues certificates of health to meet the requirements of importing countries in respect to plants and plant products exported.

Ottawa—

Chief, Plant Protection Services.....	W. N. Keenan
Assistant Chief, Plant Protection Services.....	E. W. Harber
Chief Inspector, Plant Diseases.....	John Tucker**
Supervising Inspectors	S. H. Short*
	P. N. Vroom
Senior Inspector	O. W. Lachaine
Senior Agricultural Assistant	M. R. Baker

Prince Edward Island—

District Inspector	S. G. Peppin, Seed Potato Certification, Laboratory of Plant Pathology, Charlottetown
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Nova Scotia—

District Inspector	R. G. Webber, Plant Inspection Office, Room 417, Dom. Public Bldg., Halifax
District Inspector	W. K. McCulloch, Seed Potato Certification, Laboratory of Plant Pathology, Kentville

New Brunswick—

District Inspector	A. Finnamore, Plant Inspection Office, Customs Bldg., Saint John.
District Inspector	C. H. Godwin, Seed Potato Certification, Customs Bldg., Fredericton.

Quebec—

District Inspector	B. Baribeau, Seed Potato Certification, Post Office Building, Ste. Anne de la Pocatière.
District Inspector	L. R. Gagnon, Plant Inspection Office, 2 Avenue Chauveau, Quebec.
District Inspector	W. St. G. Ryan, Plant Inspection Office, 105 McGill St., Montreal.
Supervising Inspector	H. A. U. Monro, In charge Fumigation Station, 785 Mill St., Montreal.

* On military leave.

** On loan.

Ontario—

District Inspector	W. A. Fowler, Plant Inspection Office, 21 Lombard St., Toronto.
District Inspector	J. W. Scannell, Seed Potato Certification, Ontario Agric. College, Guelph.
District Inspector	R. W. Sheppard, Plant Inspection Office, Federal Bldg., Niagara Falls.
Inspector in Charge.....	F. J. Hudson, Plant Inspection Office, 412 Dom. Public Bldg., London.
District Inspector	W. R. Lapp, Plant Inspection Office, 507 Canada Bldg., Windsor.

Manitoba—

District Inspector	C. A. S. Smith* Plant Inspection Office, 722 Dom. Public Bldg., Winnipeg.
District Inspector	W. A. Cumming, Seed Potato Certification, 722 Dom. Public Bldg., Winnipeg.

Saskatchewan—

District Inspector	P. C. Brown, Plant Inspection Office, Post Office Bldg., Estevan.
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Alberta—

District Inspector	J. W. Marritt, Seed Potato Certification, (Alberta and Sask.), Room 423, Post Office Bldg., Edmonton.
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British Columbia—

District Inspector	H. F. Olds, Plant Inspection Office, 514 Federal Bldg., Vancouver.
District Inspector	H. S. MacLeod, Seed Potato Certification, 514 Federal Bldg., Vancouver.
District Inspector	J. Noble, Plant Inspection Office, Parliament Bldgs., Victoria.

* On military leave.

EXPERIMENTAL FARMS SERVICE

DIRECTOR—E. S. ARCHIBALD

The Experimental Farms Service is completely equipped to conduct experimental and research work in connection with practical farm problems in all parts of the Dominion, and to demonstrate its findings to those in a position to put them into practice.

In addition to the Central Experimental Farm at Ottawa, there are 23 branch farms and stations, several specialized stations, 9 substations, 1 minor substation and 45 district experiment substations, as well as 161 illustration stations. At the Central Experimental Farm are located the office of the Director and the headquarters of the staffs of the ten divisions into which the work of the farm is divided.

ADMINISTRATION

Director	E. S. Archibald
Associate Director and Acting Dominion Field Husbandman	E. S. Hopkins
Assistant to Director	H. C. Ensor

ANIMAL HUSBANDRY DIVISION

The Animal Husbandry Division is responsible for the carrying on of extensive experimental work, at Ottawa and at branch farms throughout the Dominion, relating to the breeding, feeding, housing and management of the various classes of domestic live stock.

The work includes laboratory studies in animal nutrition, including determination of digestibility of feeding stuffs, effect of plane of nutrition on digestibility of feeds, and biological value of feed proteins; the evaluation of pasture improvement practices and of various feeding stuffs as component parts of fattening rations; a study of practical and economical rations for growth and production; studies of breeding methods based on production records of dams and on progeny tests of sires and investigations dealing with the prevention and elimination of certain animal diseases and of parasites, the latter in co-operation with the Institute of Parasitology, Macdonald College.

Dominion Animal Husbandman	G. W. Muir
Assistant (Swine)	E. B. Fraser
Assistant (Beef Cattle and Sheep)	P. E. Sylvestre
Assistant (Genetics)	A. Deakin
Assistant (Dairy Cattle)	C. D. MacKenzie*
Assistant (Swine)	J. G. Stothart*

BEE DIVISION

This division is responsible for experimental work in breeding, swarm control, wintering, colony manipulation and other phases of practical bee-keeping. It also carries on extensive studies in relation to the keeping qualities of honey, fermentation, and honey storage. In addition, it is responsible for the inspection and certification of honey for the export market.

Dominion Apiarist	C. B. Gooderham
Assistant	C. A. Jamieson

CEREAL DIVISION

This division is engaged in the creation, testing and introduction of superior varieties of cereals and leguminous grains, field beans, buckwheat, and flax of the seed-bearing type. The creation of new types is concentrated chiefly at the Experimental Farm at Ottawa, while at the Dominion Laboratory of Cereal Breeding at Winnipeg work is centred on the development of disease-resistant varieties of wheat and oats. The breeding of sawfly-resistant varieties is centred at the Experimental Station at Swift Current, Saskatchewan. Among the many other activities of this division are the investigation of varieties of grain for which a licence has been requested in accordance with the Canada Seed Act, the encouragement of the use of good seed of adapted varieties, the conducting of verification tests to determine the genuineness and purity of seed stocks and the investigation of special problems which have a bearing on cereal breeding and development work.

Dominion Cerealist	L. H. Newman
Assistant (Spring Wheat)	J. G. C. Fraser
Assistant (Barley and Peas)	P. R. Cowan
Assistant (Winter Wheat and Rye)	A. G. O. Whiteside
Assistant (Oats)	R. A. Derick
Assistant (Flax, Beans and Buckwheat)	W. G. McGregor
Assistant (Wheat)	F. Gfeller

*On military leave.

FIBRE DIVISION

The Fibre Division is responsible for all investigational work relating to the production of fibre crops in Canada, and for the study of problems involved in the growing and marketing of these fibres. This includes variety tests, fertilizer tests, plant breeding, machinery tests and related investigational work. Flax is the principal fibre crop dealt with.

Chief, Fibre Division R. J. Hutchinson
Assistant E. M. MacKey

FIELD HUSBANDRY DIVISION

This division, co-operating with other divisions, conducts work covering soil cultivation and management, weed eradication, crop rotations, drainage, irrigation, efficiency of farm machinery, and the use of commercial fertilizers, manure and green manure crops. Co-operating with provincial departments of agriculture and agricultural colleges, soil surveys are conducted, and studies of soil drifting, soil moisture and soil temperature are also made. Meteorological records are kept at all branch stations and assembled by this division.

Acting Dominion Field Husbandman..... E. S. Hopkins
Assistant (Soil Fertility)..... P. O. Ripley
Assistant (Agricultural Engineering)..... J. M. Armstrong
Assistant (Soil Fertility)..... W. Dickson
Assistant (Soils) A. Leahey
Assistant (Weeds) G. Knowles
Assistant (Agricultural Engineering)..... W. Kalbfleisch

FORAGE PLANTS DIVISION

Special attention is given by this division to the improvement of forage crop production in Canada by the introduction of new species from foreign countries, by variety tests of native and foreign species, and by hybridization and selection to develop new species. Other important activities relate to the technique of seed production, pasture studies, variety testing, range investigations and turf grass experiments. At the Dominion Forage Crops Laboratory at Saskatoon, in co-operation with the University of Saskatchewan, special attention is being given to the development of early-maturing, hardy and drought-resistant strains of forage plants adapted to the Prairie Provinces.

Dominion Agrostologist T. M. Stevenson
Assistant (Corn, Soybeans, etc.)..... F. Dimmock
Assistant (Alfalfa and Clover) J. M. Armstrong
Assistant (Hay and Pasture) F. S. Nowosad
Assistant (Grass and Seed)..... R. M. MacVicar
Assistant (Grasses) J. H. Boyce

HORTICULTURE DIVISION

This division deals with problems of fruit growing, vegetable gardening and ornamental plants. The work includes the breeding of new and better varieties, studies in plant nutrition, the production of fruit juices, dehydration, the production of foundation and elite stock vegetable seed, purity tests of vegetables, and cold storage experiments. The division also co-operates with farmers in orchard experiments and in blueberry and cranberry investigations.

Dominion Horticulturist M. B. Davis
Assistant (Vegetable Crops) T. F. Ritchie
Assistant (Co-operative Experiments) F. S. Browne
Assistant (Plant Nutrition) H. Hill
Assistant (Pomology) D. S. Blair
Assistant (Fruit Breeding) A. W. S. Hunter
Assistant (Ornamental Plant Breeding)..... Miss I. Preston
Assistant (Fruit Processing Specialist)..... C. C. Eidt
Assistant (Fruit and Vegetable Products)..... M. MacArthur
Assistant (Plant Nutrition) Wm. Ferguson
Assistant (Ornamental Horticulture) R. W. Oliver
Assistant (Low Temperature Research)..... W. R. Phillips
Artist A. Kellett

ILLUSTRATION STATIONS DIVISION

The 161 illustration stations supervised by this division are located on privately-owned farms throughout the Dominion, the owners of which have entered into co-operative agreements with the Department to carry on specified work under direction. These stations serve as connecting links between the experimental farms and the farmers of Canada. They provide an organization through which experimental results may be further tested and verified under practical farm conditions. They furnish the medium through which improved methods in animal and field husbandry are demonstrated. They also provide an opportunity to study, in their natural environment, local agricultural problems of production. On 45 district experiment substations problems relating to drought and soil-drifting are dealt with.

Chief Supervisor of Illustration Stations.....	J. C. Moynan
Assistant to Chief Supervisor of Illustration Stations.....	J. D. Belzile*
Supervisor	A. E. Barrett
Supervisor	L. J. Bellefleur

POULTRY DIVISION

This division conducts experimental work in the various branches of poultry husbandry, including breeding, housing, incubation, brooding, rearing, nutrition and the preparation of poultry products for the market. In co-operation with the Health of Animals Division, experiments are conducted on the control and eradication of poultry diseases.

Dominion Poultry Husbandman.....	Geo. Robertson
Assistant (Water Fowl and Turkeys).....	A. G. Taylor
Assistant (Nutrition)	H. S. Gutteridge
Assistant (Genetics)	S. S. Munro

TOBACCO DIVISION

This division is responsible for all experimental work carried on in Canada in connection with the development of the tobacco industry. Its activities embrace plant breeding, conducting of variety tests, the investigation of cultural methods, research on problems of fertilizers and soils, the study of harvesting and curing methods, and the control of diseases and insects. A close co-operative relationship has been developed with the Department of Trade and Commerce in opening up new outlets for Canadian leaf.

Chief, Tobacco Division.....	N. T. Nelson
Assistant (Genetics)	N. A. MacRae
Assistant (Nutrition)	L. E. Gilmore

BRANCH FARMS AND STATIONS

Prince Edward Island—

Experimental Station, Charlottetown—

Superintendent	J. A. Clark
Assistant (Cereals and Poultry).....	B. F. Tinney
Assistant (Agronomy)	D. C. Schurman
Assistant	G. C. Warren
Supervisor (Illustration Stations).....	L. M. Casserly

Experimental Fox Ranch, Summerside—

Superintendent	C. K. Gunn
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* On military leave.

Nova Scotia—*Experimental Station, Kentville—*

Superintendent	A. Kelsall
Assistant (Pomology)	R. D. L. Bligh
Assistant (Field Crops).....	J. S. Leefe*
Assistant (Low Temperature Investigations).....	C. A. Eaves*
Assistant (Fruit Breeding).....	R. J. Hilton
Supervisor (Illustration Stations).....	F. B. Kinsman

Experimental Farm, Nappan—

Superintendent	W. W. Baird
Assistant (Animal and Field Husbandry).....	S. A. Hilton
Assistant (Agronomy)	J. R. Cowan
Agricultural Engineer	J. W. Byers

New Brunswick—*Experimental Station, Fredericton—*

Superintendent	C. F. Bailey
Assistant (Agronomy)	J. M. F. MacKenzie
Assistant (Horticulture)	L. C. Young
Assistant (Animal and Poultry Husbandry).....	L. Griesbach
Supervisor (Illustration Stations).....	R. C. Parent

Quebec—*Experimental Station, Ste. Anne de la Pocatière—*

Superintendent	J. R. Pelletier
Assistant (Animal Husbandry)	J. H. Girard
Assistant (Field Husbandry).....	J. E. Godbout
Supervisor (Illustration Stations).....	R. Caron

Experimental Station, Lennoxville—

Superintendent	J. A. Ste. Marie
Assistant (Field Husbandry).....	W. S. Richardson
Assistant (Animal Husbandry).....	H. L. Lessard
Assistant	L. J. P. Gervais
Supervisor (Illustration Stations).....	J. O. P. Allard

Experimental Station, L'Assomption—

Superintendent	J. E. Montreuil
Associate Superintendent (Tobacco).....	R. Bordeleau
Associate Superintendent (Horticulture).....	C. E. Ste. Marie

Experimental Station, Normandin.

Superintendent	J. A. Belzile
Assistant	J. E. Laplante

Ontario—*Experimental Station, Harrow—*

Superintendent	H. F. Murwin
Assistant (Tobacco)	R. J. Haslam
Assistant (Forage Crops).....	C. W. Owen
Assistant (Forage Crops).....	G. F. H. Buckley
Assistant (Forage Crops).....	C. G. Mortimore
Assistant (Horticulture)	T. B. Harrison*
Assistant	W. A. Scott*

Experimental Substation, Delhi—

Officer-in-Charge	F. A. Stinson
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Experimental Station, Kapuskasing—

Superintendent	J. P. S. Ballantyne
Assistant (Agronomy)	E. T. Goring
Assistant (Animal and Field Husbandry).....	J. U. Pilon
Supervisor (Illustration Stations).....	F. X. Gosselin

* On military leave.

Manitoba—*Experimental Farm, Brandon—*

Superintendent	M. J. Tinline
Assistant (Animal and Poultry Husbandry).....	R. M. Hopper
Assistant (Bees and Horticulture).....	E. Braun
Assistant (Cereals)	W. H. Johnston
Supervisor (Illustration Stations)	D. A. Brown

Experimental Station, Morden—

Superintendent	W. R. Leslie
Assistant (Animal and Field Husbandry).....	W. J. Breakey
Associate Superintendent (Horticulture).....	F. V. Hutton
Assistant (Fruit Breeding).....	C. R. Ure
Assistant (Vegetable Breeding).....	C. Walkof

Cereal Breeding Laboratory, Winnipeg—

Officer-in-Charge	C. H. Goulden
Assistant (Wheat Breeding).....	R. F. Peterson
Assistant (Oat Breeding).....	J. N. Welsh

Saskatchewan—*Experimental Farm, Indian Head—*

Superintendent	W. H. Gibson
Assistant (Horticulture)	R. M. Wilson
Assistant (Agronomy)	J. G. Davidson
Assistant (Animal Husbandry)	W. W. Cram
Assistant (Agronomy)	E. V. McCurdy

Forestry Nursery Station, Indian Head—

Superintendent	J. Walker
Assistant (Forestry Engineering)	C. A. Edwards
Forest Assistant	H. W. Lennox
Forest Assistant	D. MacDonald

Forest Nursery Station, Sutherland—

Superintendent	W. L. Kerr
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Experimental Station, Swift Current—

Superintendent	L. B. Thomson
Assistant (Agronomy)	H. J. Kemp
Assistant (Agricultural Engineering).....	G. N. Denike
Assistant (Field Husbandry).....	P. J. Janzen
Assistant (Plant Breeding).....	A. W. Platt
Assistant (Senior Ecological Botanist).....	S. E. Clarke
Assistant (Ecological Botanist)	E. W. Tisdale
Supervisor (Illustration Stations)	E. C. Sackville

Experimental Station, Melfort—

Superintendent	M. J. McPhail
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Experimental Station, Scott—

Superintendent	G. D. Matthews
Assistant (Animal Husbandry).....	E. VanNice
Assistant (Agronomy)	A. G. Kusch
Supervisor (Illustration Stations).....	N. F. Bell

Forage Crops Laboratory, Saskatoon—

Officer-in-Charge	W. J. White
Assistant	J. L. Bolton

Alberta—*Experimental Station, Lacombe—*

Superintendent	F. H. Reed
Assistant (Agronomy and Horticulture).....	G. E. DeLong
Assistant (Animal and Poultry Husbandry).....	H. E. Wilson

Experimental Station, Lethbridge—

Superintendent	W. H. Fairfield
Assistant (Irrigation and Field Husbandry).....	A. E. Palmer
Assistant (Animal and Poultry Husbandry).....	K. Rasmussen
Assistant (Agronomy)	W. D. Hay
Assistant (Field Husbandry and Illustration Stations)	H. Chester
Assistant	R. W. Peake

Alberta—Concluded*Dominion Range Experiment Station, Manyberries—*

Superintendent H. J. Hargrave

Experimental Station, Beaverlodge—

Superintendent W. D. Albright

Assistant (Agronomy) E. C. Stacey

Assistant J. F. Moore*

Experimental Substation, Fort Vermilion—

Officer-in-Charge A. Lawrence

British Columbia—*Experimental Farm, Agassiz—*

Superintendent W. H. Hicks

Assistant (Agronomy) M. F. Clarke

Supervisor (Illustration Stations) R. M. Hall

Experimental Station, Prince George—

Superintendent R. G. Newton

Assistant (Agronomy) W. T. Burns

Experimental Station, Summerland—

Superintendent R. C. Palmer

Assistant (Vegetables and Live Stock) W. M. Fleming

Assistant (Fruit Harvesting and Storage) J. E. Britton

Assistant (Fruit Products) F. E. Atkinson

Assistant (Horticulture) A. J. Mann

Assistant (Soil Fertility and Soil Moisture) J. C. Wilcox

Assistant (Fruit Products) C. C. Strachan

Assistant D. V. Fisher*

Experimental Station, Saanichton—

Superintendent J. J. Woods

Assistant (Horticulture) E. R. Hall

Assistant (Horticulture) R. M. Adamson

Experimental Substation, Smithers—

Officer-in-Charge K. MacBean

*On military leave.

PRODUCTION SERVICE

DIRECTOR, R. S. HAMER

In the Production Service is consolidated the work of the Department formerly carried on by the Health of Animals Branch with the exception of the Animal Diseases Research Institute; the Seed Branch; and the Field Services of the Live Stock Branch.

The Production Service gives national leadership in organizing agricultural production. It co-ordinates the work of the Dominion and provincial field staffs in interpreting to farmers ways to profitable production derived from activities of the Experimental Farms and Science Services, and from the intimate association of the Marketing Service with agricultural commerce. It is responsible for the administration of Acts designed to prevent the introduction and spread of diseases of animals and to ensure freedom from disease in animal products exported, and of Acts standardizing sale in the domestic market of meat and canned foods, seed, feeding stuffs, fertilizers, hay, agricultural poisons, straw and binder twine.

ADMINISTRATION**Ottawa—**

Director R. S. Hamer

Assistant Director, Production Service, and Veterinary

Director General M. Barker

Assistant Director, Production Service, Live Stock and

Poultry Division J. M. McCallum

Assistant Director, Production Service, Plant Products

Division N. Young

Assistant to Director L. A. Bissell*

*On military leave.

HEALTH OF ANIMALS DIVISION

The Health of Animals Division administers the Animal Contagious Diseases Act, under which there has been established a Dominion-wide veterinary inspection service to protect Canadian live stock against the introduction and spread of scheduled diseases. It also administers the Meat and Canned Foods Act, with the exception of the Orders in Council relating to the processing of fruits, vegetables, dairy products and canned fish. This Act is compulsory in respect to establishments in which animals are slaughtered, or in which any parts or products thereof are prepared for food for interprovincial or export trade. It also administers various policies including the restricted area policy for the control and eradication of bovine tuberculosis, as well as optional policies for the control of this disease and Bang's disease.

Ottawa—

Assistant Director, Production Service, and Veterinary	
Director General	M. Barker
Chief Veterinary Inspector.....	Vacant
Associate Chief Veterinary Inspector.....	Orlan Hall
Associate Chief Veterinary Inspector.....	C. O. Maconachie
Assistant Chief Veterinary Inspector.....	G. A. Rose

New Brunswick—

District Veterinary Inspector	
In charge of Maritime Provinces.....	A. R. C. Lundie, P.O. Box 338, 441 P.O. Bldg., Moncton.

Quebec—

District Veterinary Inspector.....	J. O. Langevin, Room 524, 400 Youville Sq., Montreal.
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Ontario—

District Veterinary Inspector.....	Wm. Moynihan, 366 Keele St., Toronto 9.
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Manitoba—

District Veterinary Inspector.....	R. H. Lay, 613 Dominion Public Bldg., Winnipeg.
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Saskatchewan—

District Veterinary Inspector.....	N. D. Christie, Post Office Bldg., Regina.
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Alberta—

District Veterinary Inspector.....	V. V. Christie, Public Bldg., Room 414, Calgary.
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British Columbia—

District Veterinary Inspector.....	F. W. B. Smith, 602 Credit Foncier Bldg., 850 Hastings St. W., Vancouver, B.C.
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England—

Veterinary Inspector	Vacant.
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LIVE STOCK AND POULTRY DIVISION

The Live Stock and Poultry Division administers the Live Stock Pedigree Act and the Hatchery Approval section of the Live Stock and Live Stock Products Act; promotes the work of Advanced Registry Boards for Dairy Cattle and Swine; maintains the R.O.P. Service for Dairy Cattle and for Poultry and the Advanced Registry Service for Swine; administers sire assistance

policies in relation to horses, cattle, sheep, swine and poultry; administers assistance to fairs and exhibitions and directs the co-ordination of Dominion and provincial departmental effort to improve quality and increase returns in live stock production.

Ottawa—

Assistant Director, Production Service, Live Stock.....	J. M. McCallum
Chief, Live Stock and Poultry Production Services.....	A. W. Peterson
Assistant Chief, Live Stock and Poultry Production Services	J. A. Telfer
Chief Registration Officer.....	A. P. MacVannel
Associate Chief, Live Stock and Poultry Production Services	Vacant
Associate Chief, Poultry Production Services.....	A. D. Davey
Assistant Chief, Live Stock Production Services.....	W. D. Davies
Chief Record of Performance Inspector.....	W. L. Graham
Live Stock Production Assistant.....	F. G. Semple
Live Stock Production Assistant.....	J. G. Lefebvre

Prince Edward Island—

Veterinary Inspector (officer in charge)..... E. S. Notting,
Box 489,
Charlottetown.
Senior Live Stock Fieldman..... S. D. Irvine,
Box 489,
Charlottetown.

New Brunswick—

Supervising Live Stock Fieldman (Nova Scotia and New Brunswick).....	J. W. Graham, Box 310, Moncton.
Senior Live Stock Fieldman.....	J. H. King, Box 310, Moncton.
Senior Live Stock Fieldman.....	E. F. Pineau, Caraquet.
Poultry Fieldman	A. C. Craft, Silver Falls, R.R.2, Saint John.

Nova Scotia—

Senior Live Stock Fieldman.....	J. A. Steele, C.N.R. Station Bldg., Truro.
Poultry Fieldman	A. L. Blenkhorn, Kentville.

Quebec—

Supervising Live Stock Fieldman.....	J. P. Fleury, 407 McGill, Montreal.
Senior Live Stock Fieldman.....	C. Bouchard, 45 Carrier, Lévis.
Senior Live Stock Fieldman.....	A. DesRosiers, 515 St. Denis St., St-Hyacinthe.
Senior Live Stock Fieldman.....	H. Heon, 875 Laviolette, Three-Rivers.
Senior Live Stock Fieldman.....	J. H. Girard, St.-Anselme.
Senior Live Stock Fieldman.....	Vacant, 330 King St. W., Sherbrooke.
Poultry Fieldman	E. K. Laflamme, Ste. Germaine Station.

Ontario—

District Live Stock Fieldman.....	W. S. McMullen, 59 Victoria St., Toronto, 2.
Senior Live Stock Fieldman.....	C. F. MacKenzie, 59 Victoria St., Toronto, 2.
Senior Live Stock Fieldman.....	H. D. Scotchmer, 59 Victoria St., Toronto, 2.
Poultry Fieldman	J. S. Westmoreland, 61 Victoria St., Toronto, 2.

Manitoba—

Supervising Live Stock Fieldman.....	J. Norquay, 630 Dom. Public Bldg., Winnipeg.
Senior Live Stock Fieldman.....	T. Bodnar, Box 339, Dauphin.
Poultry Fieldman	S. J. Ferns, 630 Dom. Public Bldg., Winnipeg.

Saskatchewan—

Senior Live Stock Fieldman.....	J. H. Coles, 416 Post Office Bldg., Regina.
Poultry Fieldman	J. G. Longstaff, 416 Post Office Bldg., Regina.

Alberta—

District Live Stock Fieldman (Alberta and British Columbia).....	N. Curtis, 407 Blowey-Henry Bldg., Edmonton.
Senior Live Stock Fieldman.....	S. G. Freeborn, 409 Dom. Public Bldg., Calgary.
Senior Live Stock Fieldman.....	M. Syrotuk*, 407 Blowey-Henry Bldg., Edmonton.
District Supervisor, Live Stock Production.....	J. Byers, 409 Dom. Public Bldg., Calgary.
Poultry Fieldman	B. F. Galbraith, 403 Blowey-Henry Bldg., Edmonton.

British Columbia—

Live Stock Fieldman.....	T. G. Stewart, 605 Credit-Foncier, Vancouver.
Poultry Fieldman	H. D. Reid, 306 Gorge Rd., Victoria.

*On military leave.

PLANT PRODUCTS DIVISION

The Plant Products Division administers the Seeds Act, Feeding Stuffs Act, Fertilizers Act, Pest Control Products Act, Inspection and Sale Act and the Hay and Straw Inspection Act; provides laboratory services for purity and germination tests of seeds and for chemical and microscopical analyses of feeds, fertilizers and pesticides; directs the co-ordination of Dominion and provincial efforts to encourage the production, distribution and use of pure seed of improved strains, suitable feeds for feeding purposes, proper fertilizers for the various crops and soils and effective pesticides for pest control; assists the Canadian Seed Growers Association.

Ottawa—

Assistant Director, Production Service, Plant Products. N. Young
 Chief, Laboratory Services.....W. H. Wright
 Assistant Chief Laboratory Services.....Geo. A. Elliott
 ChemistGeo. E. Grattan
 Seed ServicesC. Sweet
 Chief, Inspection Services.....G. S. Peart
 Associate Chief, Inspection Services.....W. R. White
 Registration Assistant.....P. M. Overholt
 Seed Standards Assistant.....T. D. C. Hamilton
 Markets AssistantL. M. P. Cliche*

Maritime Provinces—

District Supervisor.....J. G. Clark,
 Box 220,
 Sackville, N.B.
 Supervising Analyst.....R. A. Ingalls,
 Box 220,
 Sackville, N.B.

Quebec—

District Supervisor.....J. Simard,
 503 Customs Bldg.,
 Montreal.
 Supervising Analyst.....J. A. Pepin,
 503 Customs Bldg.,
 Montreal.

Eastern Ontario—

District Supervisor.....J. W. Mackay,
 251 Besserer St.,
 Ottawa.
 Supervising Analyst.....J. A. Dawson,
 251 Besserer St.,
 Ottawa.

Western Ontario—

District Supervisor.....W. J. W. Lennox,
 86 Collier Street,
 Toronto.
 Supervising Analyst.....B. F. Forward,
 86 Collier Street,
 Toronto.

Manitoba—

District Supervisor.....J. E. Blakeman,
 730 Dominion Public Bldg.,
 Winnipeg.
 Supervising Analyst.....A. C. Heise,
 730 Dominion Public Bldg.,
 Winnipeg.

Saskatchewan—

District Supervisor.....Vacant—(L. Bell, Acting),
 523 Federal Bldg.,
 Saskatoon.
 Supervising Analyst.....T. W. L. Burke.

Alberta—

District Supervisor.....F. E. Foulds,
 Immigration Bldg.,
 Calgary.
 Supervising Analyst.....N. G. Lewis,
 Immigration Bldg.,
 Calgary.

British Columbia—

District Supervisor.....G. M. Stewart,
 Postal Station C,
 Vancouver.
 Supervising Analyst.....C. T. Tapp,
 Postal Station C,
 Vancouver.

* On military leave.

MARKETING SERVICE

DIRECTOR, A. M. SHAW

The Marketing Service is responsible for all activities of the Department relating to the efficient marketing of agricultural products under standard grades.

The Service centralizes administration of all grading services covering live stock and live stock products, dairy products, poultry, eggs, fruit, vegetables, canned goods, maple products and honey and departmental advertising. It brings under central control all market reporting services for these commodities. The service to consumers is designed to centre attention on graded products and their identification and to inform consumers as to the best methods of using Canadian foods, particularly those which are in abundant supply.

Associated as a fact-finding body in connection with the economics of marketing as well as of production is the Agricultural Economics Division.

ADMINISTRATION

Ottawa—

Director	A. M. Shaw
Associate Director, Marketing Service, Dairy Products Division.....	J. F. Singleton
Associate Director, Marketing Service, Agricultural Economics Division.....	J. F. Booth
Assistant Director, Marketing Service, Fruit and Vegetable Division.....	R. L. Wheeler
Assistant Director, Marketing Service, Live Stock and Live Stock Products Division...	L. W. Pearsall
Assistant to Director.....	R. W. Neely

Attached to the administrative unit, and directly under the supervision of the Director, are the Overseas Office, the Markets Information Section and the Consumer Section.

OVERSEAS OFFICE

Agricultural Commissioner.....	J. G. Robertson, Canada House, London, England.
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MARKETS INFORMATION SECTION

The Markets Information Section co-ordinates market reporting of the several divisions of the marketing service. It functions to supply the producer of agricultural products with an interpretation of relative supply, demand and conditions, throughout the Dominion and abroad, as affecting his operations. Its most important feature is the stimulation of interest in quality production through regular reports on differentials in prices obtainable for quality products as compared with prices ruling for products of lower grades. It also serves to give producers a lead in interpreting market trends, with a view to assisting in intelligent planning of production for future markets.

Chief, Markets Information.....	R. M. Scott
Senior Assistant Agricultural Economist.....	C. V. Parker
Markets Assistant	A. W. Ryan
Markets Assistant	P. A. Cossmann

CONSUMER SERVICE SECTION

In this section of the administrative staff of the Marketing Service is now centralized all activity relating to demonstration work featuring the preparation, cooking, and serving of meats, poultry, eggs, fruits and vegetables; the nutritive and dietetic value of dairy products, and the significance and value, to consumers, of departmental grading of agricultural food products.

Chief, Consumer Service.....	Laura C. Pepper
Home Economist	Edith L. Elliot
Home Economist	Eveline LeBlanc

Saskatchewan—

Assistant Home Economist.....	M. M. Casselman, Regina.
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DAIRY PRODUCTS DIVISION

This division is responsible for the administration of the Dairy Industry Act, which provides for the official grading of all cheese and butter sold for export, and under which a large percentage of both of these products sold on the domestic market is graded. The manufacture of ice cream in accordance with prescribed standards, also is regulated under this Act. Under authority of the Meat and Canned Foods Act, the division issues permits to, and supervises the operation of concentrated milk establishments.

The division is responsible for the administration of the Cheese and Cheese Factory Improvement Act in accordance with which premiums are paid on account of the production of cheese scoring 93 or more points. Also under the Act, subsidies are paid on account of the amalgamation of existing cheese factories, on account of insulation and refrigeration of ripening rooms of existing cheese factories and on account of standardization of cheese pressing equipment.

It arranges and supervises refrigerated car service for butter, cheese and eggs, and supervises loading and stowage of perishable produce exported from Canada by ocean transport and the discharge at principal ports in the United Kingdom. It administers the Cold Storage Act, under authority of which the construction of cold storage warehouses in Canada may be subsidized.

The division also assembles information of value to the Department and to the industry and trade in expanding the outlet for Canadian dairy products.

Ottawa—

Associate Director, Marketing Service, Dairy Products.	J. F. Singleton
Chief, Dairy Products Grading and Inspection Services	W. C. Cameron
Associate Chief, Dairy Products Grading and Inspection Services.....	Vacant
Assistant Chief, Dairy Products Marketing and Merchandising Services	H. A. Derby
Dairy Produce Grader.....	S. R. Howe
Supervisor of Condenseries.....	D. B. Goodwillie
Dairy and Cold Storage Inspector.....	W. E. Browne
Refrigeration Engineer.....	B. W. Young

Prince Edward Island—

Dairy Produce Grader.....	W. F. Rogerson, 82 School St., Charlottetown.
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Nova Scotia—

Dairy Produce Grader.....	R. M. MacLennan, Room 407, Dominion Public Bldg., Halifax.
Inspector of Dairy Products.....	E. K. Bonnyman, 26 Woodill St., Sydney.
Inspector of Dairy Products.....	G. W. Parker, 20 Pleasant St., Truro.

New Brunswick—

Dairy Produce Grader..... W. J. Davies,
Fourth Floor,
Post Office Bldg.,
Moncton.

Quebec—

Dairy Produce Grader..... Jos. Bourbonnais,
99 Dalhousie St.,
Quebec.

Senior Dairy Produce Grader..... T. J. Hicks,
165 Common St.,
Montreal.

In charge of Inspectors of Dairy Products in the
province of Quebec..... J. U. Maher,
165 Common St.,
Montreal.

Inspector of Dairy Products..... H. Desfosses,
1192 Mercier St.,
Trois Rivières.

Inspector of Dairy Products..... M. Germain,
Bromptonville.

Inspector of Dairy Products..... R. Bourbonnais,
P.O. Box 625,
Rimouski.

Inspector of Dairy Products..... R. Kerouack,
P.O. Box 143,
Chicoutimi.

Inspector of Dairy Products..... M. Désaulniers,
P.O. Box 37,
Noranda.

Senior Cargo Inspector..... R. P. Spencer,
165 Common St.,
Montreal.

Refrigeration Inspector..... C. A. Fabien,
165 Common St.,
Montreal.

Ontario—

Dairy Produce Grader..... W. E. Brennan,
Kemptville.

Dairy Produce Grader..... J. L. Irwin,
175 Front St.,
Belleville.

Dairy Produce Grader..... Jas. H. Henderson,
21 Lombard St.,
Toronto, 1.

Dairy Produce Grader..... D. M. Beattie,
Room 22, Bank of Toronto,
London.

Inspector of Dairy Products..... J. E. Dougall,
Hallville.

Inspector of Dairy Products..... G. A. Schroer,
60 Carrick Ave.,
Hamilton.

Inspector of Dairy Products..... R. E. Carr,
140 Fifth Ave. West,
North Bay.

Manitoba—

Dairy Produce Grader, in charge of inspection in the
Prairie Provinces..... H. S. Anderson,
Room 602,
Dominion Public Bldg.,
Winnipeg.

Dairy Produce Grader..... J. A. McManus,
Room 602,
Dominion Public Bldg.,
Winnipeg.

Senior Dairy Produce Grader for the Western
Provinces K. G. MacKay,
Room 602,
Dominion Public Bldg.,
Winnipeg.

Saskatchewan—

Dairy Produce Grader.....	G. L. Art. Post Office Bldg., Yorkton.
Dairy Produce Grader.....	R. J. Carleton, 319 Federal Bldg., Saskatoon.
Dairy Produce Grader.....	H. J. Crowe, 7th & Halifax Streets, Regina.

Alberta—

Dairy Produce Grader.....	W. J. Beckett, New Immigration Bldg., Edmonton.
Dairy Produce Grader.....	E. Johnson, 530 Calgary Public Bldg., Calgary.

British Columbia—

Dairy Produce Grader.....	H. A. Mason, 502 Federal Bldg., Vancouver.
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United Kingdom—

Cargo Inspector.....	A. E. Griffith, 16 Crossway, Stoke Newington, London, N. 16.
Cargo Inspector (for Liverpool, Manchester, Bristol, Cardiff, Avonmouth, Swansea).....	Jos. Bent, Hall Lane, Huyton, Liverpool.
Cargo Inspector (for Liverpool, Glasgow, Paisley, Leith)	M. J. Macdonald, 2091 Great Western Rd., Glasgow, W.3.

FRUIT AND VEGETABLE DIVISION

This division administers regulations under the Fruit, Vegetables and Honey Act, governing the grading and packing of fruits and the grading and marking of fruits and vegetables for export, import and domestic trade, and the classification and grading of honey for export and domestic markets.

The division is also responsible for the administration of regulations under the Meat and Canned Foods Act governing the operation of some 500 establishments engaged in the canning of fruits and vegetables for interprovincial and export trade. In addition, it administers the Maple Sugar Industry Act, which provides for the inspection and grading of maple sugar products and for proper identification of sugars or syrups resembling or imitating maple products.

Information of value in expanding the outlet for fruit, vegetables, honey and maple sugar products is assembled and distributed by the merchandising section of the division.

Ottawa—

Assistant Director, Marketing Service, Fruit and Vegetables	R. L. Wheeler
Chief, Marketing and Merchandising.....	K. B. Conger
Markets Assistant.....	G. F. Clingan*
Transportation Assistant.....	E. H. Young
Chief, Fruit and Vegetable Inspection.....	R. E. Robinson**
Associate Chief, Fruit and Vegetable Inspection.....	F. E. Loveday
Assistant Chief, Fruit and Vegetable Inspection.....	E. G. Paige
Assistant Chief, Fruit and Vegetable Inspection (Canning)	F. J. Perry
Inspection Assistant (Maple Products).....	C. T. Skinner
Honey Specialist.....	F. R. Armstrong

* On military leave.

** On loan.

Prince Edward Island—

Senior Inspector.....C. E. Shaw,
Stanley, Shaw & Pearden
Bldg.,
P.O. Box 202,
Charlottetown.

Nova Scotia—

District Inspector.....S. B. Marshall,
Dominion Public Bldg.,
Middleton.
Supervising Inspector.....L. V. Spinney,
401 Dominion Public Bldg.,
Halifax.

New Brunswick—

Senior Inspector.....W. R. Butland,
Customs Building,
Box 345, Saint John.

Quebec—

District Inspector.....W. B. H. Marshall,
170 Youville Sq.,
Montreal.
Supervising Inspector.....M. Fritz,
2 Chauveau Ave.,
Quebec.

Ontario (east of Toronto)—

Senior Inspector.....C. T. Stevenson,
155 Front St.,
Belleville.

Ontario (Toronto and West)—

District Inspector.....H. H. Ponton,
43-44 Sun Life Bldg.,
P.O. Box 520,
Hamilton.
Senior Inspector.....Vacant.

Manitoba and Saskatchewan—

Senior Inspector.....C. Brooks,
604 Dominion Public Bldg.,
Winnipeg.

British Columbia and Alberta—

District Inspector.....B. M. Whyte,
Russell Bldg.,
Vernon.
Senior Inspector.....W. J. Coell,
802 Credit Foncier Bldg.,
Vancouver.

LIVE STOCK AND LIVE STOCK PRODUCTS DIVISION

The Live Stock and Live Stock Products Act, with the exception of the section relating to Hatchery Approval, is administered by this division. The regulations under the Act provide for control of trading on stock yards and for the grading of hog carcasses sold on the domestic market, of bacon exported, of beef and lamb for domestic consumption, and of eggs and poultry for both the domestic and the export market.

In addition to their primary duties, the stock yards and grading staffs are responsible for the assembling, at central markets and at packing houses, of information in regard to the volume of daily live stock sales, the number in each grade sold, ruling prices for each grade and other related information. These statistics form the basis of the reports on live stock marketing regularly issued by the Markets Information Service.

Under the merchandising section of the division, a service has been established, designed to expand the outlet for live stock, live stock products and poultry products.

Ottawa—

Assistant Director, Marketing Service, Live Stock and Live Stock Products.....	L. W. Pearsall
Chief, Live Stock and Poultry Marketing and Merchandising Services.....	P. E. Light
Chief, Poultry Marketing and Production Services...	W. A. Brown
Associate Chief, Poultry Products Inspection and Grading Services	S. C. Barry
Assistant Chief, Live Stock Inspection and Grading Services	H. J. Maybee
Assistant Chief, Poultry Inspection and Grading Services	E. D. Bonyman
Bacon Specialist.....	G. B. Miller
Senior Poultry Products Inspector.....	J. F. Haggerty
Departmental Accountant.....	D. J. Williams

Prince Edward Island—

Senior Poultry Products Inspector.....	F. G. Ward, Box 39, Charlottetown.
Live Stock Products Grader.....	H. W. Clay, P.O. Box 39, Charlottetown.

Nova Scotia—

Poultry Products Inspector.....	C. M. MacMillan, Box 891, Halifax.
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New Brunswick—

Officer-in-Charge, Live Stock Grading and Marketing in Maritime Provinces (Supervising Fieldman, Production Service)	J. W. Graham, P.O. Bldg., Moncton.
Senior Poultry Products Inspector.....	Wm. Kerr, Box 310, Moncton.

Quebec—

District Supervisor, Live Stock Marketing.....	R. K. Bennett, 316 Bridge St., Montreal.
District Poultry Products Inspector.....	A. Raymond, 2 Chauveau Ave., Quebec.

Ontario—

District Supervisor, Live Stock Marketing.....	C. C. Lyster, 59 Victoria St., Toronto.
District Poultry Products Inspector.....	A. F. Curran, 61 Victoria St., Toronto 2.
Senior Poultry Products Inspector.....	F. H. Buker, 8 Ford St., Brockville.

Manitoba—

Supervisor, Stockyards	C. E. Bain, Union Stock Yards, St. Boniface.
Supervising Grader, Live Stock Products.....	L. Hancock, 630 Dominion Public Bldg., Winnipeg.
Supervising Grader, Live Stock Products.....	W. J. McPherson, 630 Dominion Public Bldg., Winnipeg.
District Poultry Products Inspector.....	A. C. McCulloch, 630 Dominion Public Bldg., Winnipeg.

Saskatchewan—

District Supervisor, Live Stock Marketing.....	A. D. Munro, Union Stock Yards, Saskatoon.
Senior Stock Yard Supervisor.....	J. L. Pawley, S. Sask. Co-op. Stock Yards, Moose Jaw.
Stock Yard Agent.....	J. H. Kezar, N. Sask. Co-op. Stock Yards, Prince Albert.
Live Stock Products Grader.....	J. F. George, 416 Post Office Bldg., Regina.
Senior Poultry Products Inspector.....	D. L. Browne, 803 McCallum-Hill Bldg., Regina.

Alberta—

District Supervisor, Live Stock Marketing.....	D. A. MacKenzie, Alberta Stock Yards, Calgary.
Supervising Grader, Live Stock Products.....	S. W. Sheppard, Edmonton Stockyards, Edmonton.
Senior Poultry Products Inspector.....	A. F. Darnell 407 Blowey-Henry Bldg., Edmonton.

British Columbia—

Senior Poultry Products Inspector.....	G. R. Wilson, 2448 Cambie St., Vancouver.
Live Stock Products Grader (Hog Grading).....	H. L. Ford, 2448 Cambie St., Vancouver.
Live Stock Products Grader (Beef Grading).....	R. C. Trimble, 2448 Cambie St., Vancouver.

AGRICULTURAL ECONOMICS DIVISION

This division serves as a fact-finding body in matters relating to production as well as to marketing. Activities which have been undertaken, designed to reduce costs, improve merchandising practices and bring about a better understanding among producers, consumers and the trade, include research and agricultural co-operation, investigations of farm and ranch management practices, costs of production, land utilization, farm mechanization, land settlement, types of farming, costs of distribution, methods and practices followed in the handling of farm products, and factors affecting consumption of agricultural products.

Ottawa—

Associate Director, Marketing Service, Agricultural Economics	J. F. Booth
Principal Agricultural Economist.....	W. C. Hopper
Senior Agricultural Economist.....	J. Coke
Agricultural Economist.....	A. E. Richards
Agricultural Economist.....	A. Gosselin
Agricultural Economist.....	W. F. Chown
Agricultural Economist.....	H. R. Hare
Assistant Agricultural Economist.....	S. C. Hudson
Assistant Agricultural Economist.....	G. P. Boucher

Manitoba—

Assistant Agricultural Economist.....	H. L. Patterson, University of Manitoba, Winnipeg.
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Saskatchewan—

Assistant Agricultural Economist.....	R. A. Stutt, Dept. of Farm Management, University of Saskatchewan, Saskatoon.
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Alberta—

Assistant Agricultural Economist.....	C. C. Spence, University of Alberta, Edmonton.
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PRAIRIE FARM REHABILITATION ORGANIZATION

The Prairie Farm Rehabilitation Act, commonly called "P.F.R.A.", was passed by the Parliament of Canada in 1935 to provide federal assistance in rehabilitating agriculture in the low rainfall areas of the three Prairie Provinces.

The Act, as first passed, provided assistance in water development and cultural work including soil drift control, and in 1937 the scope of the Act was extended to include land utilization and provide for rehabilitation on a community basis by building community pastures on sub-marginal lands and establishing farmers elsewhere. After the land utilization work was introduced the P.F.R.A. was re-organized and at present all cultural activities are carried on through the Experimental Farms Service, while all of the water development and land utilization activities are directed through the Prairie Farm Rehabilitation Service with headquarters at Regina, Saskatchewan. The field staff employed on these two phases of P.F.R.A. in the three provinces is supervised from the Regina office though in the case of small water developments the engineering staff, in each province, works directly under the provincial water rights office. This arrangement was made in order to facilitate the work in connection with the authorization of projects under provincial statute.

ADMINISTRATION (Regina)

Director	George Spence
Land Ownership Investigator.....	S. F. Arthur
Office Manager	R. F. B. Donald

WATER DEVELOPMENT (Regina)

Superintendent	E. L. Gray
Ass't Superintendent (in charge of small water development)	W. L. Jacobson
Senior Engineer	B. Russell
Senior Ass't Engineer.....	J. I. Mutchler
Office Engineer	G. L. MacKenzie

LAND UTILIZATION (Regina)

Superintendent	O. Freer
Ass't Superintendent	Mark Mann

PRAIRIE FARM ASSISTANCE ORGANIZATION

The Prairie Farm Assistance Act, which provides for benefit payments to farmers of the Prairie Provinces, in townships having low crop yields because of drought, insect damage and other causes, is administered by a Director of Prairie Farm Assistance whose headquarters are at Regina. Under the Director are three Provincial Superintendents—one at Winnipeg, one at Regina and one at Edmonton—and the work within each province is administered from those headquarters. A staff of inspectors and office workers is maintained in each province varying in size according to the immediate needs of the Prairie Farm

Assistance program. During the period 1941-1943 inclusive the Wheat Acreage Reduction policy, then in effect, was also administered by the Prairie Farm Assistance staff.

Administration (Regina)—

Director of Prairie Farm Assistance..... R. F. McGregor
Assistant Director Sol Sinclair

Manitoba (Winnipeg)—

Superintendent, Prairie Farm Assistance..... J. C. Riddell

Saskatchewan (Regina)—

Superintendent, Prairie Farm Assistance..... Vacant

Alberta (Edmonton)—

Superintendent, Prairie Farm Assistance..... W. C. Barrie

WARTIME ORGANIZATION OF THE DEPARTMENT

From the moment war was declared steps have been taken to keep the organization of the Department adjusted to the changing situation in order that agriculture might play its full part. New Boards have been set up to deal with problems as they have arisen. For the most part these have been staffed by officers of the Department but in a few instances outside help has been sought.

The following outline shows the set-up of the wartime Boards under the Department of Agriculture as of January 1, 1944.

AGRICULTURAL FOOD BOARD

This Board has as its function the development and direction of policies and measures of the Department for the wartime production of food and the co-ordination of the activities of all commodity boards within the Department. The Board is directed to divert food products produced in Canada in order to fill various priority needs and to move food products to areas of deficiency from areas of supply within Canada.

The Board is composed of H. Barton, Deputy Minister, Chairman; A. M. Shaw, Director of Marketing Service; R. S. Hamer, Director of Production Service; J. F. Booth, Associate Director, Marketing Service. J. F. Singleton, Chairman, Dairy Products Board, and L. W. Pearsall, Secretary-Manager, Meat Board, are ex-officio members. A. E. Richards, Agricultural Economics Division, is Secretary.

AGRICULTURAL SUPPLIES BOARD

The functions of the Board are to act as the central directive agency of Canada's wartime agricultural program, and to be responsible for the constructive direction of agricultural production, for the purchase and distribution of supplies used in agricultural production and for the processing and conservation of agricultural products. Under the jurisdiction of the Board are administrators of feeds, fertilizers, flax-fibre and seeds, who, among other duties, administer agricultural programs on behalf of the Board.

The Board is made up of:

A. M. Shaw, Director of Marketing Service, Chairman.
R. S. Hamer, Director of Production Service, Vice-Chairman.
E. S. Archibald, Director of Experimental Farms Service.
J. M. Swaine, Director of Science Service.
J. G. Bouchard, Assistant Deputy Minister.
S. R. N. Hodgins, General Executive Assistant.
J. R. Peet, Agricultural Economics Division, Associate Secretary.

Administrators who operate under authority of the Board are:

J. G. Davidson, Feeds Administrator.
G. S. Peart, Fertilizers and Pesticides Administrator.
Nelson Young, Fibre Flax Administrator and Seeds Administrator.

MEAT BOARD

This Board, set up in 1939 as a Bacon Board, was appointed to implement the terms of the agreement made with Britain for the delivery of Canadian bacon. Later, in 1943, it was reconstituted as a Meat Board and its operations were extended to cover all other meats in addition to pork and its products.

The Board is made up of:

J. G. Taggart, Minister of Agriculture for Saskatchewan, Chairman.
L. C. McOuat, General Agricultural Agent, Canadian Pacific Railway, Montreal.
S. E. Todd, Industrial and Development Council of Canadian Meat Packers, Toronto.
Adrien Morin, Chief, Live Stock Branch, Department of Agriculture, Quebec.
Secretary Manager, L. W. Pearsall, Marketing Service, Dominion Department of Agriculture, Ottawa.
Assistant Secretary, P. E. Light, Marketing Service, Department of Agriculture, Ottawa.

DAIRY PRODUCTS BOARD

The Dairy Products Board was set up in May, 1940. Its function is to regulate the export of dairy products to Britain in accordance with the terms of agreements made between the governments of Canada and the United Kingdom.

Members of the Board are:

J. F. Singleton, Associate Director of Marketing Service, Chairman.
John Freeman, Montreal.
J. F. Desmarias, Montreal.
H. A. Derby, Dairy Products Division, Secretary.

SPECIAL PRODUCTS BOARD

In April, 1941, this Board was created to regulate the export to the United Kingdom of any product of agriculture, processed or unprocessed, except bacon and dairy products. Its powers were later extended to enable it to deal with any government or accredited representative of any government amongst the United Nations. The Board operates under several sections with managers for each.

Personnel of the Board is as follows:

A. M. Shaw, Director of Marketing Service, Chairman.
R. S. Hamer, Director of Production Service.
T. G. Major, Chief, Commodity Division, Department of Trade and Commerce.
R. W. Neely, Assistant to Director of Marketing Service, Secretary.

Managers of Sections:

Poultry Products	W. A. Brown
Fruit and Vegetables	K. B. Conger
Fibre Flax	Nelson Young
Certified Seed Potatoes.....	John Tucker
Field and Vegetable Seeds.....	Nelson Young

Assistants to War Boards

H. K. Leckie	B. A. Campbell
J. N. Lewis	A. H. Turner
E. P. Reid	A. L. Stevenson



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